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| Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Serial No. 10/666903 | Group Art Unit 1626 | Filing Date 16 Sept. 2003 | Atty. Docket No. 5062C1 |
| INFORMATION DISCLOSURE CITATION | | Applicant(s): O'Connor, et al | | | |
| U.S. PATENT DOCUMENTS | | | | | |
| * | | DOCUMENT NO. | DATE MM/DD/YY | NAME | CLASS SUB-CLASS FILING DATE IF APPROPRIATE |

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|------------|-----------------|---|---|---|---|---|---|---|----------|--------------------|-----|-------|----------|
| <i>QIC</i> | U ₀ | 6 | 4 | 6 | 9 | 0 | 3 | 1 | 10/22/02 | Connell, et al | 514 | 337 | 12/18/98 |
| | U ₁ | 6 | 0 | 5 | 1 | 5 | 8 | 6 | 04/18/00 | Ladouceur et al. | 514 | 337 | 11/23/98 |
| | U ₂ | 5 | 9 | 7 | 7 | 1 | 5 | 4 | 11/02/99 | Bell et al. | 514 | 394 | 06/26/97 |
| | U ₃ | 5 | 6 | 6 | 3 | 1 | 9 | 4 | 09/02/97 | Newshaw | 514 | 456 | 07/19/96 |
| | U ₄ | 5 | 5 | 6 | 1 | 1 | 4 | 2 | 10/01/96 | Fisher et al. | 514 | 312 | 05/22/95 |
| | U ₅ | 5 | 5 | 4 | 1 | 1 | 9 | 7 | 07/30/96 | Fisher et al. | 514 | 311 | 03/21/95 |
| | U ₆ | 5 | 5 | 1 | 6 | 9 | 1 | 7 | 05/14/96 | Djuric et al. | 548 | 525 | 06/08/94 |
| | U ₇ | 5 | 4 | 5 | 1 | 6 | 7 | 7 | 09/19/95 | Fisher et al. | 546 | 138 | 12/15/93 |
| | U ₈ | 5 | 3 | 9 | 3 | 7 | 7 | 5 | 02/28/95 | Le Baut et al. | 514 | 456 | 09/07/93 |
| | U ₉ | 4 | 6 | 5 | 4 | 3 | 6 | 2 | 03/31/87 | Van Lommen et al. | 514 | 452 | 10/12/84 |
| | U ₁₀ | 4 | 6 | 5 | 0 | 8 | 1 | 2 | 03/17/87 | Cohen et al. | 514 | 456 | 01/18/85 |
| | U ₁₁ | 4 | 6 | 4 | 7 | 5 | 7 | 9 | 03/03/87 | Kabbe et al. | 514 | 456 | 03/03/97 |
| | U ₁₂ | 3 | 8 | 0 | 3 | 1 | 7 | 6 | 04/09/74 | Christensen et al. | 260 | 345.2 | 12/04/72 |
| <i>QIC</i> | U ₁₃ | 3 | 7 | 0 | 6 | 7 | 6 | 4 | 12/19/72 | Nakanishi et al. | 260 | 327 | 04/13/70 |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | |
|--------------------------|----------------|--------------|---|---|---|---|---|---|------------------|----------------|------------------|---------------|-------------|----|
| * | | DOCUMENT NO. | | | | | | | DATE DD/MM/YY | COUNTRY / NAME | PRIMARY CLASS | SUB- CLASS | TRANSLATION | |
| | | | | | | | | | | | | | YES | NO |
| QIC | F ₁ | 9 | 9 | 6 | 5 | 8 | 7 | 7 | 23/12/99 | WO/Donaldson | C07D | 213/80 | | |
| QIC | F ₂ | 9 | 8 | 3 | 2 | 7 | 5 | 3 | 30/07/98 | WO/Mathvink | C07D | 417/12 | | |
| QIC | F ₃ | 9 | 7 | 4 | 6 | 5 | 5 | 6 | 11/12/97 | WO/Biftu | C07D | 413/10 | | |

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| EXAMINER <i>Joit A G...</i> | DATE CONSIDERED 8/10/04 |
| * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

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| INFORMATION DISCLOSURE CITATION | | | | Applicant(s) | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
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|------------|----------------|---|---|---|---|---|---|---|----------|----------|------|--------|--|--|
| <i>JLC</i> | F ₄ | 0 | 8 | 0 | 1 | 0 | 6 | 0 | 15/10/97 | EP / Dow | C07D | 209/42 | | |
|------------|----------------|---|---|---|---|---|---|---|----------|----------|------|--------|--|--|

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|------------|-----------------|---|---|---|---|---|---|---|----------|-----------------|------|---------|---|--|
| <i>JLC</i> | F ₅ | 2 | 7 | 4 | 6 | 3 | 9 | 5 | 26/09/97 | FR / Guillaumet | C07D | 409/12 | X | |
| | F ₆ | 9 | 7 | 3 | 5 | 8 | 3 | 5 | 02/10/97 | WO | C07C | 217/74 | X | |
| | F ₇ | 8 | 1 | 9 | 8 | 8 | 6 | 6 | 06/08/96 | JP | | | X | |
| | F ₈ | 9 | 5 | 2 | 9 | 1 | 5 | 9 | 02/11/95 | WO / Fisher | C07D | 213/30 | | |
| | F ₉ | 9 | 5 | 2 | 5 | 1 | 0 | 4 | 21/09/95 | WO / Beeley | C07D | 405/12 | | |
| | F ₁₀ | 9 | 4 | 2 | 9 | 2 | 9 | 0 | 22/12/94 | WO / Dow | C07D | 307/85 | | |
| | F ₁₁ | 0 | 6 | 1 | 1 | 0 | 0 | 3 | 17/08/94 | EP / Fisher | C07C | 311/21 | | |
| | F ₁₂ | 0 | 3 | 2 | 8 | 2 | 5 | 1 | 16/08/89 | EP / Caulkett | C07C | 103/178 | | |
| | F ₁₃ | 0 | 0 | 9 | 1 | 7 | 4 | 9 | 19/10/83 | EP / Duckworth | C07C | 143/78 | | |
| | F ₁₄ | 0 | 0 | 7 | 9 | 6 | 3 | 7 | 25/05/83 | EP / Bantick | C07D | 311/24 | | |
| <i>JLC</i> | F ₁₅ | 2 | 5 | 1 | 1 | 6 | 4 | 7 | 25/09/75 | DE / Wirth | C07d | 311/22 | X | |
| | | | | | | | | | | | | | | |
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| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|---|----------------|--|
| <i>JLC</i> | R ₁ | Hu, B., Ellingboe, J., Gunawan, I., Han, S., Largis, E., Li, Z., Malamas, M., Mulvey, R., Oliphant, A., Sum, F.-W., Tillett, J., Wong, V., "2,4-Thiazolidinediones as Potent and Selective Human β_3 Agonists", Bioorganic & Medicinal Chemistry Letters, 11: 757-760 (2001) |
| <i>JLC</i> | R ₂ | Murata, M., Watanabe, S., and Masuda, Y., "Novel Palladium(0)-Catalyzed Coupling Reaction of Dialkoxyborane with Aryl Halides: Convenient Synthetic Route to Arylboronates", J. Org., Chem., 62: 6458-6459 (1997) |
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| EXAMINER | <i>Janet L. G...</i> | DATE CONSIDERED | <i>9/10/04</i> |
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